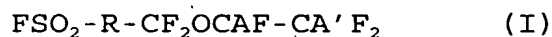


PROCESS FOR PREPARING (PER)FLUOROHALOGENETHERS

ABSTRACT

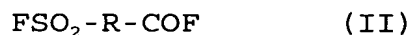
A process for preparing (per)fluorohalogenethers containing the $-\text{SO}_2\text{F}$ group, having general formula (I):



wherein:

- A and A', equal to or different from each other, are Cl or Br;
- R has the following meanings: a (per)fluorinated, preferably perfluorinated, substituent, optionally containing one or more oxygen atoms;

by reaction of carbonyl compounds having formula (II):



wherein R is as above;

in liquid phase with elemental fluorine and with olefinic compounds having formula (III):



wherein A and A' are as above,

operating at temperatures from -120°C to -20°C , optionally in the presence of a solvent inert under the reaction conditions.